MARINE GEOLOGY
INTERNATIONAL JOURNAL OF MARINE GEOLOGY, GEOCHEMISTRY AND GEOPHYSICS

http://www.elsevier.nl/locate/margeo
http://www.elsevier.com/locate/margeo

ELSEVIER

Vol. 168 Nos. 1–4 CONTENTS 15 AUGUST 2000

(Abstracted/Indexed in: A.G.I.'s Bibliography and Index of Geology; Aquatic Sciences and Fisheries Abstracts; Bulletin Signalétique, Chemical Abstracts, Current Contents, Elsevier BIOBASE/Current Awareness in Biological Sciences, Geo Abstracts, Geoscience Contents, Marine Science Contents Tables, Oceanic Abstracts and PASCAL/CNRS)

Research Papers

Morphology and Late Quaternary sedimentation on the North Faeroes slope and abyssal plain, North Atlantic
J. Taylor, J.A. Dowdeswell, N.H. Kenyon, R.J. Whittington, Tj.C.E. van Weering and J. Mienert 1
The Late Weichselian glaciation of the Franz Victoria Trough, northern Barents Sea: ice sheet extent and timing
H.P. Kleiber, J. Knies and F. Niessen 25
The sedimentary structure in the western Weddell Sea
J. Rogenhagen and W. Jokat 45
Microatolls as sea-level indicators on a mid-ocean atoll
S.G. Smithers and C.D. Woodroffe 61
Sm–Nd isotope systematics in deep-sea sediments: clay-size versus coarser fractions
C. Innocent, N. Fagel and C. Hillaire-Marcel 79
Instruments for particle size and settling velocity observations in sediment transport
Y.C. Agrawal and H.C. Pottsmith 89
Spectral optical backscatter of sand in suspension: effects of particle size, composition and colour
A. Hatcher, P. Hill, J. Grant and P. Macpherson 115
Sedimentation in the Yellow River delta. Part III. Seabed erosion and diapirism in the abandoned subaqueous delta lobe
G. Li, K. Zhuang and H. Wei 129

Discussion

Ripple formation induced by biogenic mounds—comment
J.H. Baas and J.L. Best 145
Ripple formation induced by biogenic mounds—reply
J.S. Fries, C.A. Butman and R.A. Wheatcroft 153

CONTENTS direct

This journal is part of **ContentsDirect,** the ***free*** alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: **www.elsevier.nl/locate/contentsdirect**

0025-3227(200008)168:1/4;1-3